

**Laboratory Report**  
**Final**

*This report supersedes all  
 previous reports for this case*

**Case #:** F1550578  
**Referral #:** Dr. Jack Muller  
**Date Collected:** 06/20/2015  
**Date Received:** 06/21/2015  
**Case Coordinator:** Dr. Tawfik Aboellail  
**Owner:** Juan Martin Triana

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 H07430 Colorado Racing Commission  
 1678 Campus Delivery-Clinical Sciences  
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**Electronically Signed and Authorized**  
**By:**  
 Dr. Tawfik Aboellail  
 sent by Tina Kane  
 on 7/15/2015 1:47:01PM

**Case Contacts**

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Veterinarian	Smith, D. Woodrow	303-621-2054	
Veterinarian	Kawcak, Chris	970-297-4470	ckawcak@colostate.edu

**Specimen Details**

ID	Taxonomy	Sex	Age
Ace Away	Thoroughbred Horse	Neutered Male	

**Owner:** Juan Martin Triana

**Specimens Received:** Body;

**Clinical History**

Collapsed and died after race.

**Laboratory Findings/Diagnosis**

**DIAGNOSIS:**

1. Lungs: Diffuse pulmonary congestion and hemorrhage, acute, severe.
2. Heart: Epicardial hemorrhage, cute, multifocal and coalescing.

**REMARKS:** Lesions are indicative of exercise-induced pulmonary hemorrhage. No vascular lesions including ruptured aneurysms were detected in the great vessels.

**GROSS NECROPSY:** 5-year-old thoroughbred bay gelding with tattoo number N30881 was submitted dead for necropsy. The gelding weighed approximately 1000 pounds and showed moderate autolysis. No significant external lesions were noted. The neck muscles and chest were moderately congested. Upon opening the chest cavity both lungs were still inflated with air but diffuse dark reddened. On cut surface, there was dark blood oozing from both lungs and also tracheal mucosa was dark red. The epicardium contained multifocal and coalescing areas of hemorrhage around coronary vessels. No significant lesions were present in the great vessels including aorta, pulmonary trunk, pulmonary vessels and including both arteries and veins. Coronary vessels were within normal limits and no rupture of chordae tendinae was found. No other gross lesions were noted. The glandular portion of the stomach was multifocally reddened but the contents were not bloody.

**HISTOPATHOLOGY:**

Slide 1.

Trachea and lungs: Both organs are markedly decomposed due to obliteration of all cellular details. Diffusely the pulmonary parenchyma and the tracheal submucosa contain hemorrhage with no significant inflammation.

Owner: Juan Martin Triana

Slide 2.

Spleen: Similarly markedly autolyzed.

Stomach: Shows no significant inflammation apart from multifocal superficial hemorrhages. Submucosal vessels of the stomach are also congested.

Slide 3.

Liver and kidneys: No significant inflammation or necrosis is present in either organ but hepatic sinusoids are moderately congested.

Slide 4.

Different sections of the heart show no significant histologic lesions apart from the epicardial hemorrhages.

Slide 5.

Different sections of small and large intestine show no significant histologic lesions.

Tawfik A. Aboellail, BVSc, MVSc, PhD, DACVP

Prelim report: 6/23/2015 TAA

Full report: 07/02/2015 cja

**N e c r o p s y**

**Necrospy Colorado Racing Commission**

<b>Animal/Source</b>	<b>Specimen</b>	<b>Specimen Type</b>	<b>Result Date</b>	<b>Results</b>
Ace Away	1	Body	15-Jul-2015	Complete

End of Report